

Bill of Materials for CGS64 - VCA Component Kit V2.0

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	47pF 5% Ceramic	4	C1, C2, C6, C7	RAD-0.2N
2	100nF Ceramic	4	C10, C11, C12, C13	RAD-0.2N
3	100nF 63V Polyester	3	C3, C4, C5	RAD-0.2
4	10uF 35V Electrolytic	2	C8, C9	RB-D5.0-P2.0
<b>CONNECTOR</b>				
5	8-pin IC Socket 0.3inch	3	Q5, U1, U2	DIP-8
6	Crimp - KK396	1	J4*4	-
7	KK396 - 4-way Crimp Housing	1	J4	3.96MM
8	KK396 - 4-way Straight - Locking Header	1	J4	-
<b>LINEAR</b>				
9	TL072 Dual JFET Opamp	2	U1, U2	DIP-8
<b>INDUCTOR</b>				
10	Ferrite Bead - 0.45uH 7A	2	L1, L2	AXIAL-0.3
<b>RESISTOR</b>				
11	220R 1% 0.5W Metal Film	2	R14, R17	AXIAL-0.4
12	330R 1% 0.5W Metal Film	1	R21	AXIAL-0.4
13	47K 1% 0.5W Metal Film	2	R15, R16	AXIAL-0.4
14	100K 1% 0.5W Metal Film	12	R1, R2, R3, R4, R5, R6, R8, R9, R10, R11, R12, R13	AXIAL-0.4
15	130K 1% 0.5W Metal Film	2	R19, R20	AXIAL-0.4
16	220K 1% 0.5W Metal Film	1	R7	AXIAL-0.4
17	360K 1% 0.5W Metal Film	1	R22	AXIAL-0.4
18	1M0 1% 0.5W Metal Film	1	R18	AXIAL-0.4
<b>TRANSISTOR</b>				
19	BC558B PNP Transistor	1	Q1	TO-92
20	BC548 Matched NPN Transistor	3	Q2, Q3, Q4	TO-92

